

(FILE 'HOME' ENTERED AT 10:40:18 ON 19 AUG 2003)

FILE 'REGISTRY' ENTERED AT 10:40:24 ON 19 AUG 2003

L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
L3 0 S L1 CSS FULL
L4 0 S L1 FULL
L5 0 S L2 FULL
L6 STRUCTURE UPLOADED
L7 STRUCTURE UPLOADED
L8 STRUCTURE UPLOADED
L9 24 S L6 FULL
L10 0 S L7 FULL
L11 75 S L8 FULL

FILE 'CAPLUS' ENTERED AT 11:06:59 ON 19 AUG 2003

L12 250825 S MONOMER OR UNSATURATED OR UNSATURATION OR DOUBLE BOND
L13 16 S L9
L14 23 S L11
L15 0 S L12 AND (L13 OR L14)
L16 133214 S PHOTSENSITIVE OR NEGATIVE OR PHOTORESIST
L17 5 S L16 AND (L13 OR L14)

FILE 'REGISTRY' ENTERED AT 11:14:13 ON 19 AUG 2003

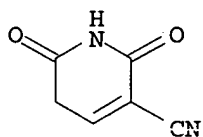
L18 STRUCTURE UPLOADED
L19 540 S L18 FULL

FILE 'CAPLUS' ENTERED AT 11:14:36 ON 19 AUG 2003

L20 66 S L19
L21 1 S L12 AND L20
L22 5 S L16 AND L20
L23 5 S L22 NOT L21

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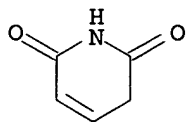
L5 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN
RN 71350-42-0 REGISTRY
CN 3-Pyridinecarbonitrile, 1,2,5,6-tetrahydro-2,6-dioxo- (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C6 H4 N2 O2
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

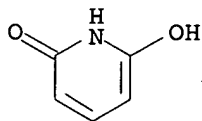
L7 ANSWER 2 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
RN 117072-54-5 REGISTRY
CN Glutaconimide, amino- (6CI) (CA INDEX NAME)
MF C5 H6 N2 O2
CI IDS
SR CAOLD
LC STN Files: CA, CAOLD, CAPLUS



D1-NH₂

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 3 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
RN 93121-10-9 REGISTRY
CN 2(1H)-Pyridinone, 6-hydroxydimethyl- (9CI) (CA INDEX NAME)
MF C7 H9 N O2
CI IDS
LC STN Files: CA, CAPLUS, TOXCENTER

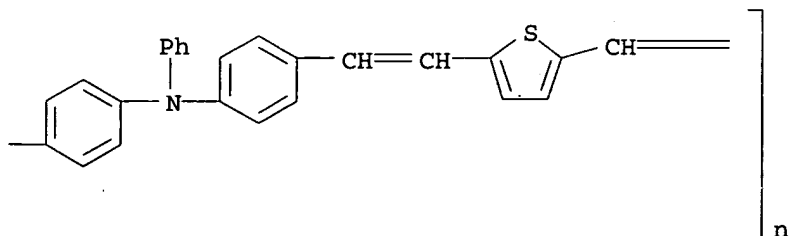
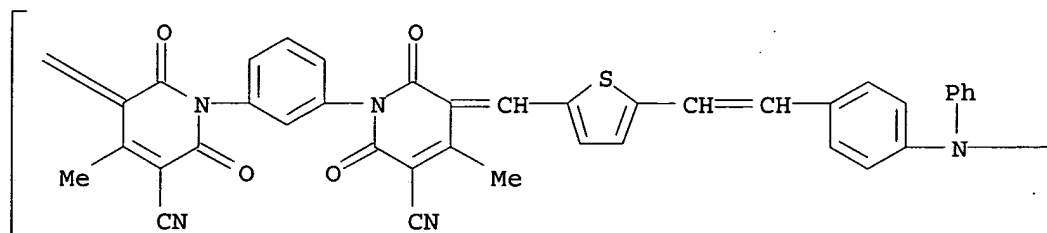


2 (D1-Me)

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

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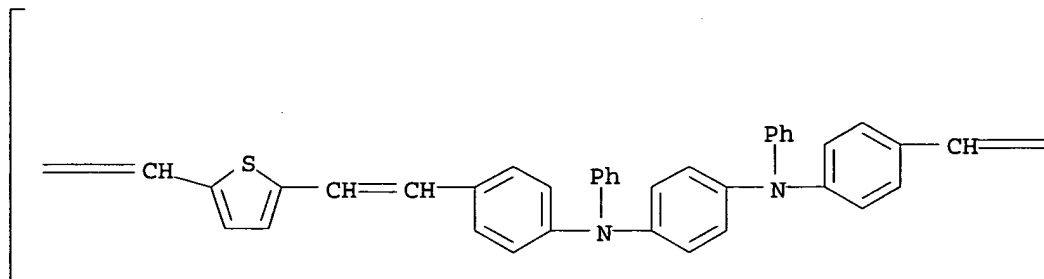
CN Poly[(5-cyano-4-methyl-2,6-dioxo-1(2H)-pyridinyl-3(6H)-ylidene)-1,3-phenylene(5-cyano-4-methyl-2,6-dioxo-1(2H)-pyridinyl-3(6H)-ylidene)methylidyne-2,5-thiophenediyl-1,2-ethenediyl-1,4-phenylene(phenylimino)-1,4-phenylene(phenylimino)-1,4-phenylene-1,2-ethenediyl-2,5-thiophenediylmethylidyne] (9CI) (CA INDEX NAME)



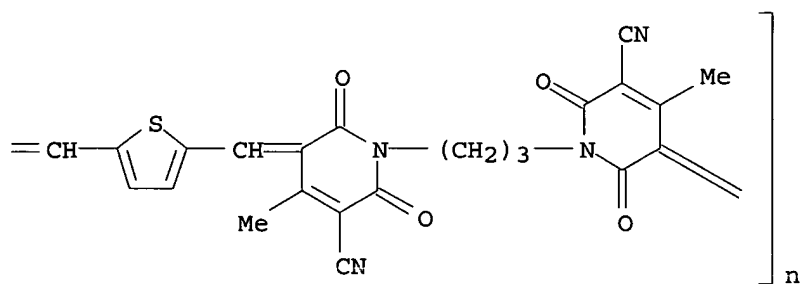
CN Poly[(5-cyano-4-methyl-2,6-dioxo-1(2H)-pyridinyl-3(6H)-ylidene)-1,3-propanediyl(5-cyano-4-methyl-2,6-dioxo-1(2H)-pyridinyl-3(6H)-ylidene)methylidyne-2,5-thiophenediyl-1,2-ethenediyl-1,4-phenylene(phenylimino)-1,4-phenylene(phenylimino)-1,4-phenylene-1,2-

ethenediyl-2,5-thiophenediylmethylidyne] (9CI) (CA INDEX NAME)

PAGE 1-A



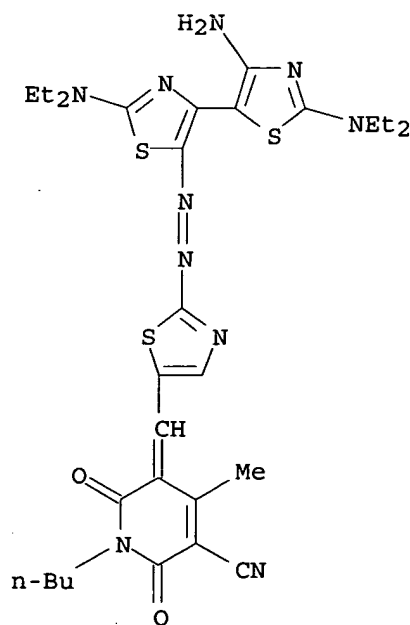
PAGE 1-B



RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L23 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:281642 CAPLUS
 DN 133:90719
 TI **Negative** solvatochromism of azo dyes derived from
 (dialkylamino)thiazole dimers
 AU Kim, Jae Joon; Funabiki, Kazumasa; Muramatsu, Hiroshige; Shibata,
 Katsuyoshi; Matsui, Masaki; Kim, Sung Hoon; Shiozaki, Hisayoshi; Hartmann,
 Horst
 CS Dep. Chem., Gifu University, Yanagido, Gifu, 501-1193, Japan
 SO Chemical Communications (Cambridge) (2000), (9), 753-754
 CODEN: CHCOFS; ISSN: 1359-7345
 PB Royal Society of Chemistry
 DT Journal
 LA English
 AB The first examples of neg. solvatochromism in neutral azo dyes contg. both
 strongly electron-donating bis(dialkylamino)thiazolyl and
 electron-withdrawing 4-(trifluoromethylsulfonyl)phenyl or 2-thiazolyl
 moieties are reported.
 IT 280570-41-4P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (neg. solvatochromism of azo dyes derived from (dialkylamino)thiazole
 dimers)
 RN 280570-41-4 CAPLUS
 CN 3-Pyridinecarbonitrile, 5-[[2-[[4'-amino-2,2'-bis(diethylamino)[4,5'-
 bithiazol]-5-yl]azo]-5-thiazolyl]methylene]-1-butyl-1,2,5,6-tetrahydro-4-
 methyl-2,6-dioxo- (9CI) (CA INDEX NAME)



RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L23 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:78731 CAPLUS
 DN 130:175245
 TI Silver halide photographic material giving high sharpness images
 IN Suzuki, Hiroshi
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 31 pp.
 CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11030839	A2	19990202	JP 1997-183841	19970709
PRAI	JP 1997-183841		19970709		

OS MARPAT 130:175245

AB The title material, possessing blue-sensitive, green-sensitive, and red-sensitive layers each of which comprises .gtoreq.2 **photosensitive** layers different in sensitivity from each other on a support, contains a Ag halide emulsion comprising Ag halide grains having an av. AgI content of <7 mol% in which .gtoreq.50% of the total projective area are tabular grains with aspect ratio .gtoreq.3 and the particle diam. distribution of the tabular grains is .ltoreq.20% and .gtoreq.1 dye I [A = acidic nucleus; L1-3 = methine; n = 0-2; X = O, S, Se; R1, R2 = H or (substituted) alkyl, R1 and R2 may link each other to form a ring; R3, R4 = alkyl, .gtoreq.1 of R3 and R4 is an alkyl group substituted for an electron-attracting group having a substituent const., Hammett's .sigma.p value, of .gtoreq.0.3]. The material shows improved gradation stability and sharpness.

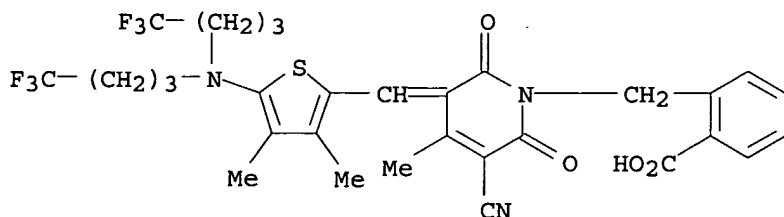
IT 220462-73-7

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(photog. film contg. pyrazolone deriv. dye)

RN 220462-73-7 CAPLUS

CN Benzoic acid, 2-[[3-[[5-[bis(4,4,4-trifluorobutyl)amino]-3,4-dimethyl-2-thienyl]methylene]-5-cyano-3,6-dihydro-4-methyl-2,6-dioxo-1(2H)-pyridinyl]methyl]- (9CI) (CA INDEX NAME)



L23 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1997:664531 CAPLUS

DN 127:364137

TI Silver halide photographic material and processing thereof

IN Sudo, Susumu; Onishi, Akira; Kita, Noriyasu

PA Konica Co., Japan

SO Jpn. Kokai Tokkyo Koho, 48 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09265156	A2	19971007	JP 1996-72281	19960327
PRAI	JP 1996-72281		19960327		

AB Title material having Ag halide emulsion layers and non-**photosensitive** hydrophilic colloid layers on a support, contains a solid fine particle dispersion of a dye (A) I (Za, Zb, Zc = N: or CR2;; R1, R2 = H or monovalent substituent; L1-3 = methine group; B1 = O-contg. 6-membered ring; n = 0 or 1), (B) CG1G2:L1(L2L3)nB1 (G1, G2 = CN, COR3, CONR3R4, OCOR3, SO2R3, SO2NR3R4; R3, R4 = alkyl, aryl, heterocycle, alkenyl; R3 and R4 may link to form a 5 or 6-membered ring), (C)

A:L1(L2L3)nB1 (A = 5-membered ring or polycyclic ring that may contain O, N, and/or S, Q), or (D) A1:L1(L2L3)nB1 (A1 = pyrazolotriazole or acidic nucleus) in .gtoreq.1 of the hydrophilic colloid layers. The materials are processed with developing solns. of pH 9.5-11.0 contg. dihydroxybenzenes as developing agents or ascorbic acid (salt) and/or erythorbic acid (salt), but no hydroquinone. The materials for printing platemaking can be used under safelight and show low residual color stain, high contrast, and good storage stability.

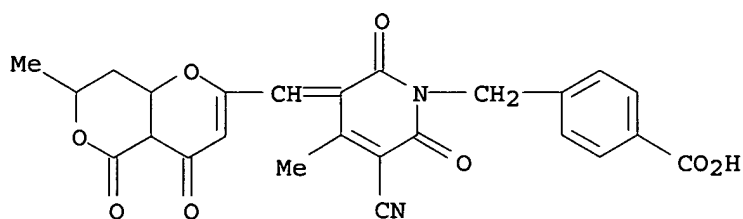
IT 198625-49-9

RL: DEV (Device component use); USES (Uses)

(silver halide photog. material contg. dye fine particles for processing under safelight)

RN 198625-49-9 CAPLUS

CN Benzoic acid, 4-[[5-cyano-3,6-dihydro-4-methyl-2,6-dioxo-3-[(4a,7,8,8a-tetrahydro-7-methyl-4,5-dioxo-4H,5H-pyrano[4,3-b]pyran-2-yl)methylene]-1(2H)-pyridinyl]methyl]- (9CI) (CA INDEX NAME)



L23 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1995:354727 CAPLUS

DN 122:174262

TI Silver halide photographic materials

IN Suzuki, Keiichi; Oono, Shigeru

PA Fuji Photo Film Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 25 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06289538	A2	19941018	JP 1993-74233	19930331
PRAI	JP 1993-74233		19930331		

AB The title materials, comprising a support coated with .gtoreq.1 **photosensitive** layer made of a Ag halide emulsion in which the AgCl content is .gtoreq.70 mol% and which contains a transition metal selected from the group V-VIII .gtoreq.1 .times. 10⁻⁷ mol/mol Ag, contain .gtoreq.1 hydrophilic colloid layer contg. a solid dispersion of .gtoreq.1 dye selected from I and II [A = acidic nucleus; L1-3 = methine group; R11-13 = H, alkyl, aryl, OR14, SR14 (R14 = H, alkyl, aryl), halo; X = O, S; n = 0, 1]. The materials can be processed under safelight and show high contrast, and are useful for photomech. process. Thus, a **photosensitive** film was prepd. using a AgCl emulsion layer contg. (NH₄)₂Rh(H₂O)Cl₅ and a protective layer contg. III.

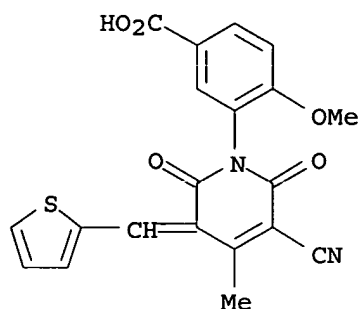
IT 160817-06-1

RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)

(photog. film with dye-dispersed hydrophilic colloidal layer)

RN 160817-06-1 CAPLUS

CN Benzoic acid, 3-[5-cyano-3,6-dihydro-4-methyl-2,6-dioxo-3-(2-thienylmethylene)-1(2H)-pyridinyl]-4-methoxy- (9CI) (CA INDEX NAME)



L23 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1994:641668 CAPLUS

DN 121:241668

TI Silver halide photographic materials adaptable to laser exposure

IN Suzuki, Keiichi; Kato, Kazunobu

PA Fuji Photo Film Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 46 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06138575	A2	19940520	JP 1992-312706	19921029
PRAI	JP 1992-312706		19921029		

AB The title materials comprise a support coated with .gtoreq.1 photosensitive layer possessing a chem. sensitized Ag halide emulsion contg. .gtoreq.50 mol% AgCl, spectrally sensitized with a sensitizing dye I [R1, R2 = H, halo, C1-4 alkyl, sulfoalkyl, CF3, CN; R3, R5, R6 = (substituted) alkyl; R4 = sulfoalkyl; this mol. requires a counter ion], and contain in the hydrophilic colloid layers, .gtoreq.1 dispersed fine crystal dye selected from II, III, A:L1 (L2:L3)nAl;; A:(L2L3)2-q:B, and XYC:CHCH:B [A, A1 = acidic nucleus; B = basic nucleus; X, Y = electron-attracting group; R = H, alkyl; R1, R2 = alkyl, aryl, acyl, sulfonyl, R1 and R2 may form a 5- or 6-membered ring; R3, R6 = H, alkyl, OH, CO2H, alkoxy, halo; R4, R5 = H, nonmetal atoms required to form a 5- or 6-membered ring by binding of R1 and R4 or R2 and R5; L1-3 = methine group; m, p = 0, 1; n, q = 0-2, when p = 0 R3 = OH or CO2H, and R4= R5=H; these compds. have .gtoreq.1 dissocg. group showing pKa 4-11 in a 1:1 vol. ratio mixt. of H2O and EtOH in their mol.]. The materials are adaptable to laser exposure and show good safelight property. Thus, a photog. film was prepd. by using a Ag(Br, Cl, I) emulsion (AgCl 80 mol%) contg. I [R1 = R2 = H, R3 = R5 = R6 = Et, R4 = (CH2)3SO3-, counter ion = Na+] and 2 protective layers contg. IV and V resp.

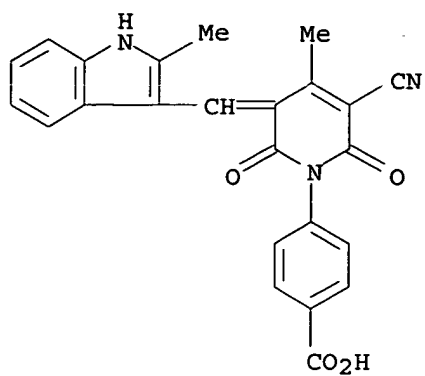
IT 158265-39-5

RL: USES (Uses)

(dye, dispersed in photog. hydrophilic colloid layer, for good safelight property)

RN 158265-39-5 CAPLUS

CN Benzoic acid, 4-[5-cyano-3,6-dihydro-4-methyl-3-[(2-methyl-1H-indol-3-yl)methylene]-2,6-dioxo-1(2H)-pyridinyl]- (9CI) (CA INDEX NAME)



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